APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/566,739	10/10/2006	Yuepeng Chen	30952/41851	9748

4743   7590   04/01/2009
MARSHALL, GERSTEIN & BORUN LLP
233 SOUTH WACKER DRIVE
6300 SEARS TOWER
CHICAGO, IL 60606-6357

EXAMINER
HO, CHUONG T

ART UNIT	PAPER NUMBER
2419	

MAIL DATE	DELIVERY MODE
04/01/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/566,739	CHEN ET AL.
	Examiner	Art Unit	
	CHUONG T. HO	2419	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>07 January 2009</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1,2,4-8,10-16 and 20-27</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1,2,4-6,8,10-16,20-23,25 and 26</u> is/are rejected.

7)☒ Claim(s) <u>7,24,27</u> is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   The amendment filed 01/07/09 have been entered and made of record.

2.   Applicant's arguments with respect to claims 1, 2, 4-8,10-16,20,21-27 have been

considered but are moot in view of the new ground(s) of rejection.

3.   Claims 1,2,4-8,10-16,20,21-27 are pending in the application (Claims 1, 2, 4-8,

10-15, and 20 have been amended. New claims 21-27 have been added).

Claim Rejections - 35 USC § 103

4.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

5.   Claims 1 , 2, 4, 6, 8, 10-16, 21-23, 25-26 are   rejected under 35 U.S.C. 103(a)

as being unpatentable over Chen et al. (Pub. No.: US 2003/0009580 A1) in view of

Nandagopalan et al. (Pub. No.: US 2003/0093526 A1).

Regarding to claim 1, Chen '580 disclose a method for providing reliable transmission

Quality of Service (QoS) ([0035] QoS, allocation and performance in the bearer

network) in a communication network, the method comprising:

the local bearer network resource manager (figure 1, SLA-based Policy control in

Service Domain A) (figure 2, RAN Bearer Access Policy Enforcement Interface

Controller 20) transmitting QoS information of to the peer bearer network resource

manaqer (figure 1, SLA-based Policy control in Service Domain B) (figure 2, RAN

Bearer Access Policy Enforcement Interface Controller 26) throuqh the QoS

connection the bearer network resource managers (figure 1, SLA-based Policy controls)

, wherein the QoS information is provided to connection nodes (figure 1, End-Point A,

End-Point B) connected to the local bearer network resource manager (figure 1, SLA-

based Policy control in Service Domain A) (figure 2, RAN Bearer Access Policy

Enforcement Interface Controller 20) and the peer bearer network resource manager

(figure 1, SLA-based Policy control in Service Domain B) (figure 2, RAN Bearer Access

Policy Enforcement Interface Controller 26) respectively for providing corresponding

resource (figure 4, [0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS

request, QoS Accept, QoS Agree).

　　　　Chen '580 disclose all the subject matter of the invention above with the

exception of a local bearer network resource manaqer sending an establish connection

request to a peer bearer network resource manaqer for requesting to create a QoS

connection between the local bearer network resource manager and the peer bearer

network resource manager;

the local bearer network resource manager receiving an establish connection response

from the peer bearer network resource manaqer so as to create the QoS connection.

　　　　Nandagopalan '526, from the same or similar fields of endeavor, disclose a local

bearer network resource manaqer (figure 6, Bandwidth Allocator (BA) 650) sending an

establish connection request (page 11, claim 2, a connection request message) to a

peer bearer network resource manaqer (figure 6, Bandwidth Allocator (BA) 655) for

requesting to create a QoS connection (page 11, claim 2, a connection request message containing QoS parameters) between the local bearer network resource manager and the peer bearer network resource manager;

the local bearer network resource manager receiving an establish connection response (page 11, claim 2, creating a connection response message… QoS in the response), from the peer bearer network resource manaqer so as to create the QoS connection.

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to use a local bearer network resource manaqer sending an establish connection request to a peer bearer network resource manaqer for requesting to create a QoS connection between the local bearer network resource manager and the peer bearer network resource manager; the local bearer network resource manager receiving an establish connection response from the peer bearer network resource manaqer so as to create the QoS connection taught by Nandagopalan '526 into the communication network (figure 1) of Chen '580.

A local bearer network resource manaqer sending an establish connection request to a peer bearer network resource manaqer for requesting to create a QoS connection between the local bearer network resource manager and the peer bearer network resource manager; the local bearer network resource manager receiving an establish connection response from the peer bearer network resource manaqer so as to create the QoS connection can be implemented into the communication network (figure 1) of Chen '580 to create QoS connection. The motivation for using a local bearer network resource manaqer sending an establish connection request to a peer bearer

network resource manaqer for requesting to create a QoS connection between the local

bearer network resource manager and the peer bearer network resource manager; the

local bearer network resource manager receiving an establish connection response

from the peer bearer network resource manaqer so as to create the QoS connection

being that improved Quality of Service (QoS) signaling for an Medium Access Control

(MAC) layer in a wireless local area network (WLAN) (Nandagopalan '526, [0012]).

Regarding to claim 2, Chen '580 disclose wherein the local bearer network resource

manager and the peer bearer network resource manaqer are located in a bearer control

layer of a multiservice network (figure 2, [0042]).

Regarding to claim 4, Chen '580 disclose all the limitations of claim 1 above.

However, Chen '580 are silent to disclosing the peer bearer network resource manager

judging whether an identity of the local bearer network resource manager is valid, and if

valid, sending the establish connection response to the local bearer network resource

manager.

Nandagopalan '526, from same or similar fields of endeavor, teach the peer bearer

network resource manager judging whether an identity of the local bearer network

resource manager is valid, and if valid, sending the establish connection response to

the local bearer network resource manager (page 11, claim 2, creating a connection

response message... QoS in the response).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of

the invention to apply the peer bearer network resource manager judging whether an

identity of the local bearer network resource manager is valid, and if valid, sending the

establish connection response to the local bearer network resource manager taught by

Nandagopalan '526 into the communication system of Chen '580, since Nandagopalan

'526 recited the motivation in the paragraph [0012] which improved Quality of Service

(QoS) signaling for an Medium Access Control (MAC) layer in a wireless local area

network (WLAN).

  Regarding to claim 6, Chen '508' disclose exchanging and negotiating QoS

information ([0045] negotiating SLA between two end peer (service domains)) , which

the communication network provides during data transmission, among the bearer

network resource managers (figure 2, SLA based policy controls) through the said QoS

connection.

However, Chen '508' are silent to disclosing the local bearer network resource manager

periodically sending a handshake message to the peer bearer network resource

manager, and determining a connection status according to a handshake response

returned by the peer bearer network resource manager .

  Nandagopalan '526 disclose the local bearer network resource manager

periodically sending a handshake message to the peer bearer network resource

manager, and determining a connection status according to a handshake response

returned by the peer bearer network resource manager (page 11, claim 2, establish

connection requestion...establish connection response).

Thus, it would have been obvious to the person of ordinary skill in the art at the

time of the invention to apply the local bearer network resource manager periodically

sending a handshake message to the peer bearer network resource manager, and

determining a connection status according to a handshake response returned by the

peer bearer network resource manager taught by Nandagopalan '526 into the

communication system of Chen '580, since Nandagopalan '526 recited the motivation in

the paragraph [0012] which improved Quality of Service (QoS) signaling for an Medium

Access Control (MAC) layer in a wireless local area network (WLAN).

Regarding to claim 8, Chen '580 disclose all the limitations of claim 6 above.

However, Chen '580 are silent to disclosing wherein information carried in the

handshake message includes comprises connection ID information and connection

resource state information.

Nandagopalan '526, as the same or similar fields of endeavor, disclose wherein

information carried in the handshake message includes comprises connection ID

information and connection resource state information (page 11, claim 11, the establish

connection request...the establish connection response).

Thus, it would have been obvious to the person of ordinary skill in the art at the

time of the invention to apply wherein information carried in the handshake message

includes comprises connection ID information and connection resource state

information taught by Nandagopalan '526 into the communication system of Chen '580,

since Nandagopalan '526 recited the motivation in the paragraph [0012] which improved

Quality of Service (QoS) signaling for an Medium Access Control (MAC) layer in a

wireless local area network (WLAN).

Regarding to claim 10, Chen '580 disclose the peer bearer network resource manager

managing and controlling resources of [[a]] the connection nodes connected to the peer

bearer network resource manaqer according to the received QoS information (figure 4,

[0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS request, QoS

Accept, QoS Agree).

Regarding to claim 11, Chen '580 disclose the local bearer network resource manager

sending a QoS resource control message that carries the QoS information to the peer

bearer network resource manager (figure 4, [0070] [0071] [0073] [0074] [0075] [0078]

[0079] [0080] [0081] QoS request, QoS Accept, QoS Agree).

Regarding to claim 12, Chen '580 disclose wherein the QoS resource control message

comprises QoS resource request information, which comprises connection

identification, stream information, QoS parameters or a stream descriptor (figure 4,

[0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS request, QoS

Accept, QoS Agree).

Regarding to claim 13, Chen '580 disclose wherein the QoS resource control message comprises a QoS resource release request, which comprises a connection identifier or a reason code (figure 4, [0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS request, QoS Accept, QoS Agree).

Regarding to claim 14, Chen '580 disclose wherein the QoS resource control message comprises a QoS resource modify request, which comprises a connection identifier and modified parameter information corresponding to the QoS connection (figure 4, [0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS request, QoS Accept, QoS Agree).

Regarding to claim 15, Chen '580 disclose the peer bearer network resource manaqer sending a QoS resource control policy to the connection nodes, which is connected to the peer bearer network resource manaqer accordinq to the QoS resource control messaqe; the peer bearer network resource manaqer receivinq a response of the QoS resource control policy from the connection nodes connected to the peer bearer network resource manager; the peer bearer network resource manager checking resource consistency of the QoS connection; and the peer bearer network resource manaqer returning a response of the connection status inquiry message to the local bearer network resource manager (figure 4, [0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS request, QoS Accept, QoS Agree).

Regarding to claim 16, Chen '580 disclose wherein the information carried in the

response of the connection status inquiry message includes any one or more of the

following: QoS parameters, a path maximum transmission unit (figure 4, [0070] [0071]

[0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS request, QoS Accept, QoS

Agree).

Regarding to claim 21, Chen '580 disclose a communication network comprising: a first

bearer network resource manager (figure 1, SLA-based Policy control in Service

Domain A) (figure 2, RAN Bearer Access Policy Enforcement Interface Controller 20);

and a second bearer network resource manager in communication with the first bearer

network resource manager (figure 1, SLA-based Policy control in Service Domain B)

(figure 2, RAN Bearer Access Policy Enforcement Interface Controller 26) a

communication network comprising: a first bearer network resource manager (figure 1,

SLA-based Policy control in Service Domain A) (figure 2, RAN Bearer Access Policy

Enforcement Interface Controller 20);

transmit QoS information through the QoS connection to the second bearer network

resource manager (figure 4, [0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080]

[0081] QoS request, QoS Accept, QoS Agree);

and wherein the first bearer network resource manager and the second bearer network

resource manager are configured to control and manage resources according to the

QoS information (figure 4, [0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081]

QoS request, QoS Accept, QoS Agree).

However, Chen '580 are silent to disclosing wherein the first bearer network

resource manager is configured to: send an establish connection request to the second

bearer network resource manager for requesting to create a QoS connection between

the first bearer network resource manager and the second bearer network resource

manager; receive an establish connection response from the second bearer network

resource manager so as to create the QoS connection.

Nandagopalan '526 disclose wherein the first bearer network resource manager

is configured to: send an establish connection request to the second bearer network

resource manager for requesting to create a QoS connection between the first bearer

network resource manager and the second bearer network resource manager; receive

an establish connection response from the second bearer network resource manager so

as to create the QoS connection (page 11, claim 2, creating a connection response

message... QoS in the response).

Thus, it would have been obvious to the person of ordinary skill in the art at the

time of the invention to use a local bearer network resource manaqer sending an

establish connection request to a peer bearer network resource manaqer for requesting

to create a QoS connection between the local bearer network resource manager and

the peer bearer network resource manager; the local bearer network resource manager

receiving an establish connection response from the peer bearer network resource

manaqer so as to create the QoS connection taught by Nandagopalan '526 into the
communication network (figure 1) of Chen '580.

A local bearer network resource manaqer sending an establish connection
request to a peer bearer network resource manaqer for requesting to create a QoS
connection between the local bearer network resource manager and the peer bearer
network resource manager; the local bearer network resource manager receiving an
establish connection response from the peer bearer network resource manaqer so as to
create the QoS connection can be implemented into the communication network (figure
1) of Chen '580 to create QoS connection. The motivation for using a local bearer
network resource manaqer sending an establish connection request to a peer bearer
network resource manaqer for requesting to create a QoS connection between the local
bearer network resource manager and the peer bearer network resource manager; the
local bearer network resource manager receiving an establish connection response
from the peer bearer network resource manaqer so as to create the QoS connection
being that improved Quality of Service (QoS) signaling for an Medium Access Control
(MAC) layer in a wireless local area network (WLAN) (Nandagopalan '526, [0012]).

Regarding to claim 22, Chen '580 disclose the limitations of claim 21 above.
However, Chen '580 are silent to disclosing wherein the first bearer network resource
manaqer is further configured to periodically send a handshake message to the second
bearer network resource manager, and to determine a connection status according to a
handshake response returned by the second bearer network resource manager

Nandagopalan '526 disclose wherein the first bearer network resource manager is
further configured to periodically send a handshake message to the second bearer
network resource manager, and to determine a connection status according to a
handshake response returned by the second bearer network resource manager (page
11, claim 11, the establish connection request...the establish connection response).

Thus, it would have been obvious to the person of ordinary skill in the art at the
time of the invention to apply wherein information carried in the handshake message
includes comprises connection ID information and connection resource state
information taught by Nandagopalan '526 into the communication system of Chen '580,
since Nandagopalan '526 recited the motivation in the paragraph [0012] which improved
Quality of Service (QoS) signaling for an Medium Access Control (MAC) layer in a
wireless local area network (WLAN).

Regarding to claim 23, Chen '580 disclose the limitations of claim 21 above.
However, Chen '580 are silent to disclosing wherein the second bearer network
resource manager is configured to judge whether an identity of the first bearer network
resource manager is valid, and if valid, send the establish connection response to the
first bearer network resource manager.
Nandagopalan '526 disclose wherein the second bearer network resource manager is
configured to judge whether an identity of the first bearer network resource manager is
valid, and if valid, send the establish connection response to the first bearer network

resource manager (page 11, claim 11, the establish connection request...the establish connection response).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to apply wherein information carried in the handshake message includes comprises connection ID information and connection resource state information taught by Nandagopalan '526 into the communication system of Chen '580, since Nandagopalan '526 recited the motivation in the paragraph [0012] which improved Quality of Service (QoS) signaling for an Medium Access Control (MAC) layer in a wireless local area network (WLAN).

Regarding to claim 25, Chen '580 disclose a method implemented by a bearer network resource manager in a bearer network, the method comprising: transmitting QoS information through the QoS connection to the peer bearer network resource manager; and controlling and managing a resource in the bearer network according to the QoS information (figure 4, [0070] [0071] [0073] [0074] [0075] [0078] [0079] [0080] [0081] QoS request, QoS Accept, QoS Agree).

Chen '580 disclose all the subject matter of the invention above with the exception of sending an establish connection request for requesting to create a QoS connection to a peer bearer network resource manager; receiving an establish connection response from the peer bearer network resource manager so as to create the QoS connection.

Nandagopalan '526 disclose sending an establish connection request for
requesting to create a QoS connection to a peer bearer network resource manager;
receiving an establish connection response from the peer bearer network resource
manager so as to create the QoS connection (page 11, claim 2, creating a connection
response message… QoS in the response).

Thus, it would have been obvious to the person of ordinary skill in the art at the
time of the invention to use a local bearer network resource manaqer sending an
establish connection request to a peer bearer network resource manaqer for requesting
to create a QoS connection between the local bearer network resource manager and
the peer bearer network resource manager; the local bearer network resource manager
receiving an establish connection response from the peer bearer network resource
manaqer so as to create the QoS connection taught by Nandagopalan '526 into the
communication network (figure 1) of Chen '580.

A local bearer network resource manaqer sending an establish connection
request to a peer bearer network resource manaqer for requesting to create a QoS
connection between the local bearer network resource manager and the peer bearer
network resource manager; the local bearer network resource manager receiving an
establish connection response from the peer bearer network resource manaqer so as to
create the QoS connection can be implemented into the communication network (figure
1) of Chen '580 to create QoS connection. The motivation for using a local bearer
network resource manaqer sending an establish connection request to a peer bearer
network resource manaqer for requesting to create a QoS connection between the local

bearer network resource manager and the peer bearer network resource manager; the

local bearer network resource manager receiving an establish connection response

from the peer bearer network resource manaqer so as to create the QoS connection

being that improved Quality of Service (QoS) signaling for an Medium Access Control

(MAC) layer in a wireless local area network (WLAN) (Nandagopalan '526, [0012]).

Regarding to claim 26, Chen '580 disclose all limitations of claim 25 above.

However, Chen '580 are silent to disclosing periodically sending a handshake message

to the peer bearer network resource manager; and determining a connection status

according to a handshake response returned by the peer bearer network resource

manager.

Nandagopalan '526 disclose periodically sending a handshake message to the peer

bearer network resource manager; and determining a connection status according to a

handshake response returned by the peer bearer network resource manager (page 11,

claim 11, periodically sending the establish connection request…the establish

connection response).

　　　　Thus, it would have been obvious to the person of ordinary skill in the art at the

time of the invention to apply wherein information carried in the handshake message

includes comprises connection ID information and connection resource state

information taught by Nandagopalan '526 into the communication system of Chen '580,

since Nandagopalan '526 recited the motivation in the paragraph [0012] which improved

Quality of Service (QoS) signaling for an Medium Access Control (MAC) layer in a

wireless local area network (WLAN).

6.   Claims 5, 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over

the combined system (Chen '580' – Nandagopalan '526) in view of 'QBone Signaling

Design Team'.

        Regarding to claim 5, the combined system (Chen '580' – Nandagopalan '526)

disclose the limitations of claim 3 above.

        However, the combined system (Chen '580' – Nandagopalan '526) are silent to

disclosing

establish connection request comprises_identification information and authentication

information of the local bearer network resource manager initiating the establish

connection request.

        'QBone Signaling Design Team' discloses establish connection request

comprises_identification information and authentication information of the local bearer

network resource manager initiating the establish connection request (page 16,

bandwidth broker makes a number of decisions at this point, including the following:

whether the requester is authorized for this service)

        Thus, it would have been obvious to one of ordinary skill in the art at the time of

the invention to modify the combined system (Chen '580' – Nandagopalan '526) with the

teaching of 'QBone Signaling Design Team', since 'QBone Signaling Design Team'

recited the motivation in page 2 which defining a model of the "bandwidth broker"

resource managers to be deployed in the QBone.

        Regarding to claim 20, the combined system (Chen '580' – Nandagopalan '526)

disclose the limitations of claim 3 above.

However, the combined system (Chen '580' – Nandagopalan '526) are silent to

disclosing wherein the respective bearer network resource manager includes a

bandwidth broker, a call agent, or a connection manager

        'QBone Signaling Design Team' discloses wherein the respective bearer network

resource manager includes a bandwidth broker (page 16, bandwidth broker makes a

number of decisions at this point, including the following: whether the requester is

authorized for this service)

        Thus, it would have been obvious to one of ordinary skill in the art at the time of

the invention to modify the combined system (Chen '580' – Nandagopalan '526) with the

teaching of 'QBone Signaling Design Team', since 'QBone Signaling Design Team'

recited the motivation in page 2 which defining a model of the "bandwidth broker"

resource managers to be deployed in the QBone.

Allowable Subject Matter

7.   Claims 7, 24, 27 are objected to as being dependent upon a rejected base claim,

but would be allowable if rewritten in independent form including all of the limitations of

the base claim and any intervening claims.

8.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to CHUONG T. HO whose telephone number is (571)272-

3133. The examiner can normally be reached on 8:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, EDAN ORGAD can be reached on (571) 272-7884. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ch
03/23/09

/Edan Orgad/

Supervisory Patent Examiner, Art Unit 2419